

FIG. 1

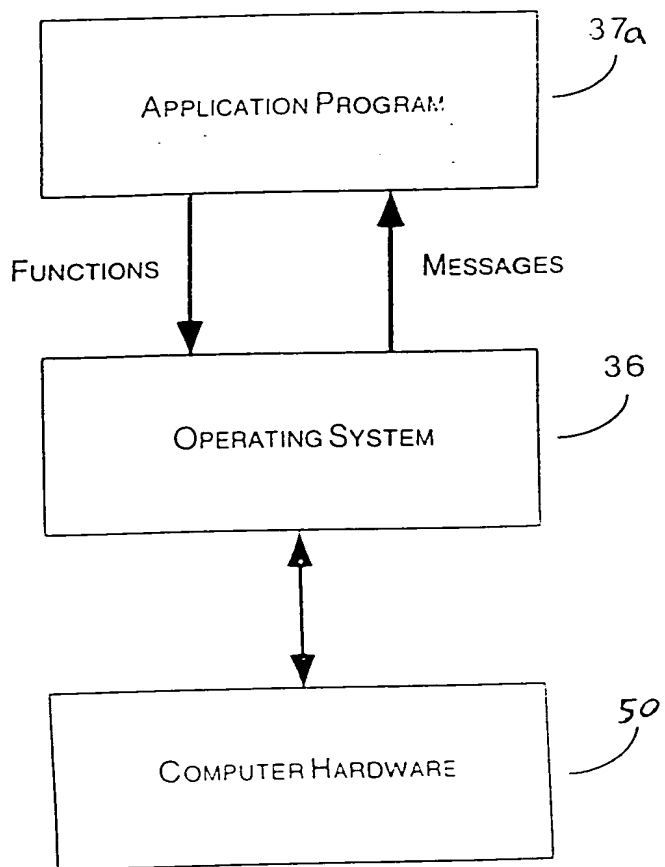
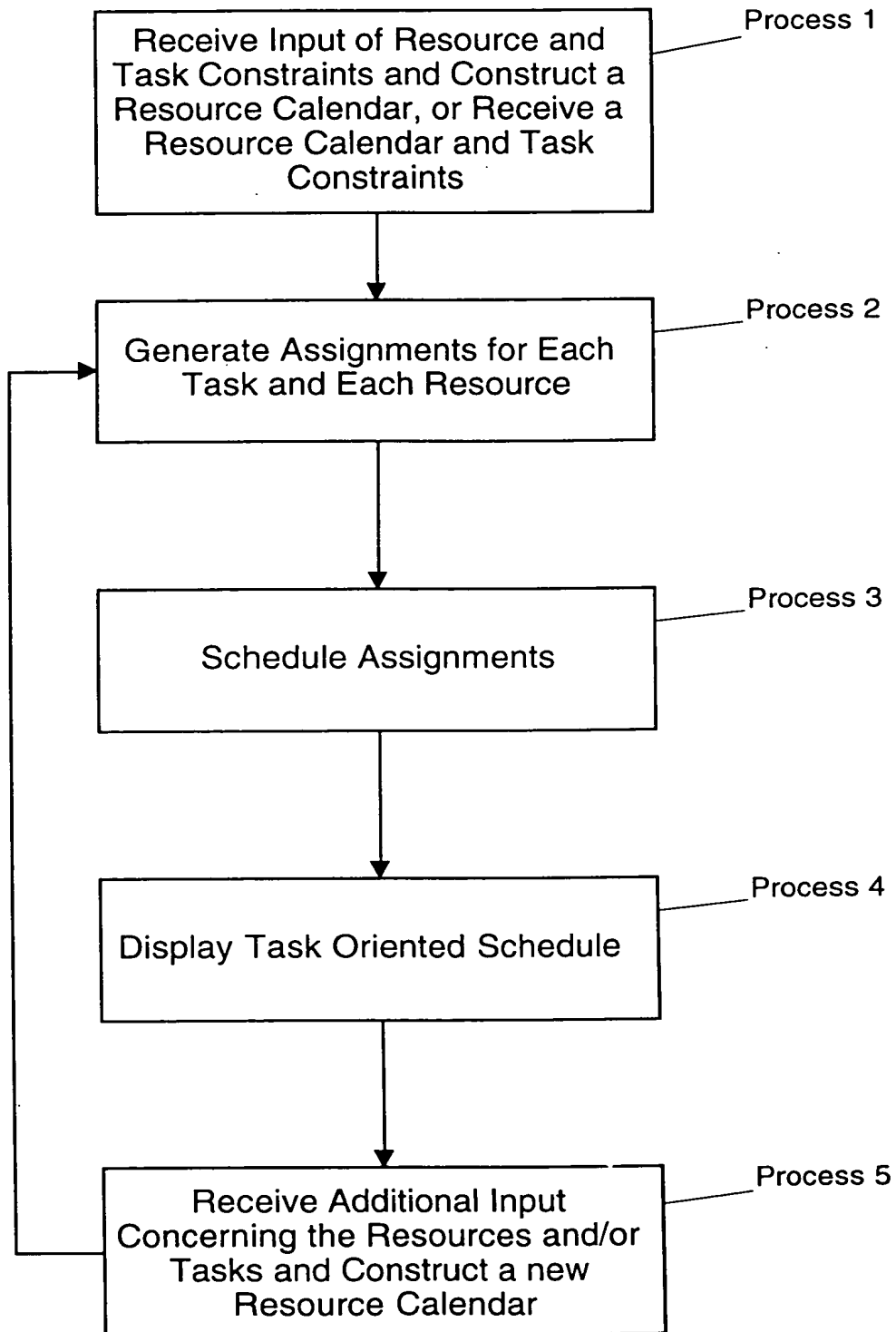


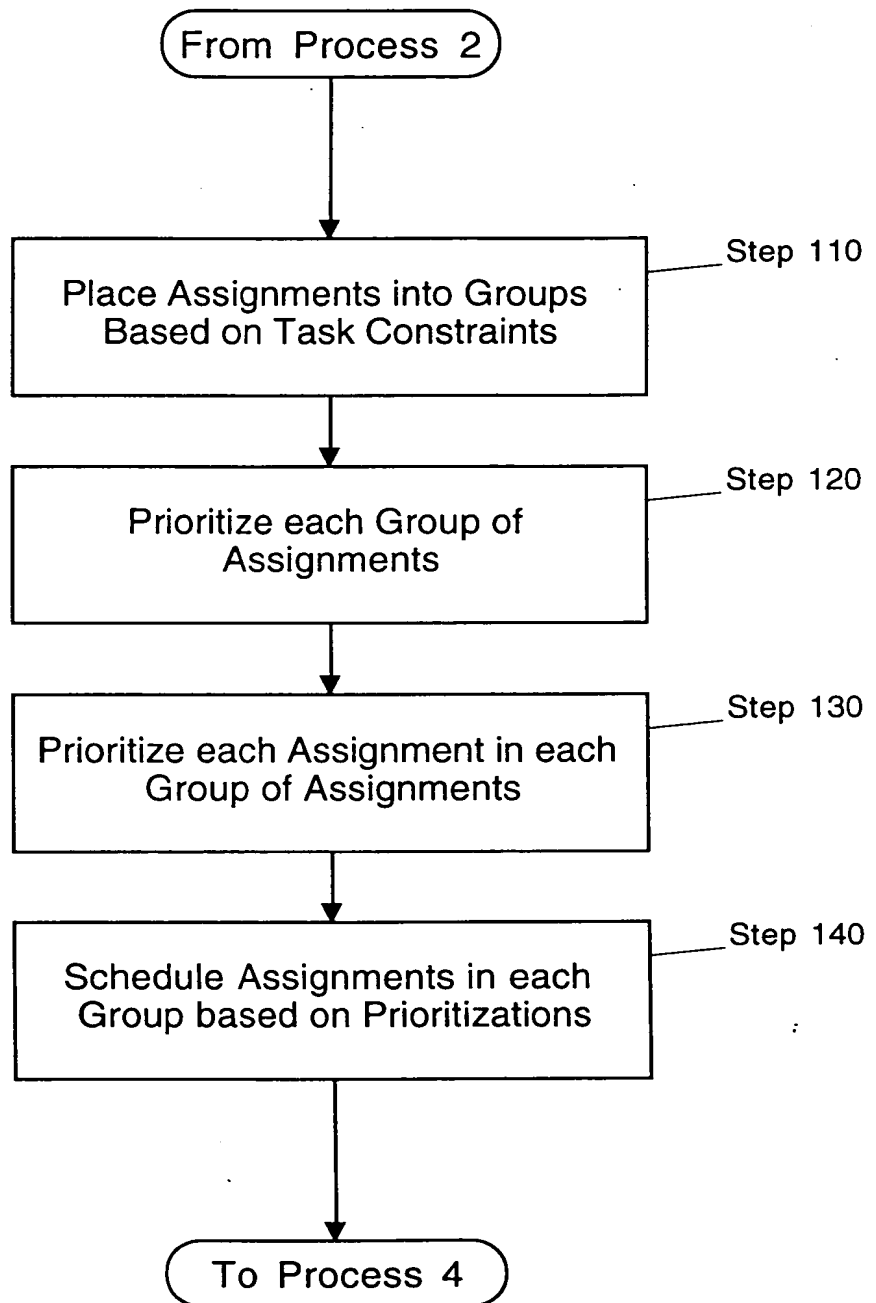
FIG. 2

092144-11200

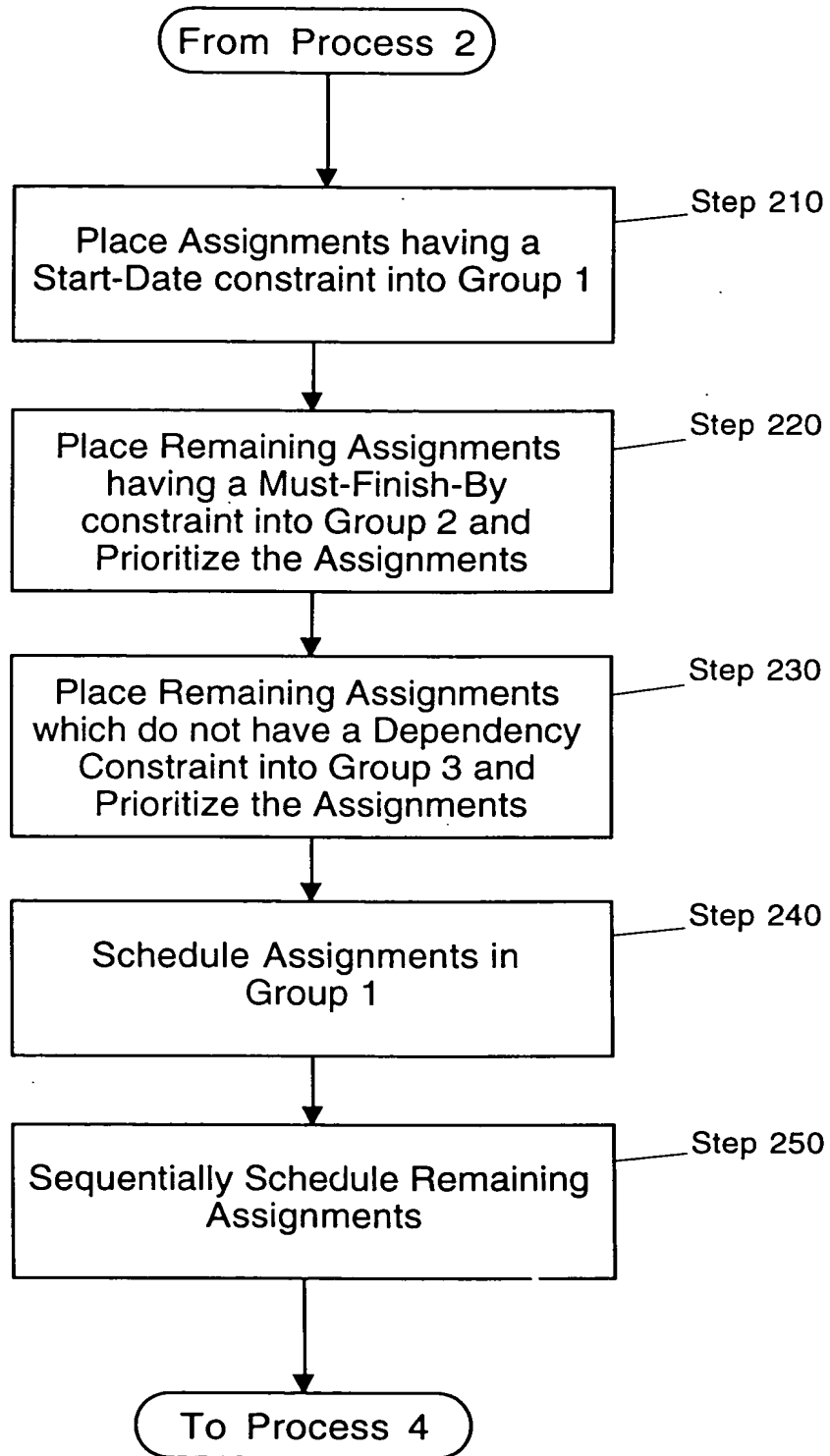
002277-11200



**Fig. 3**



**Fig. 4**



**Fig. 5**

Step 250

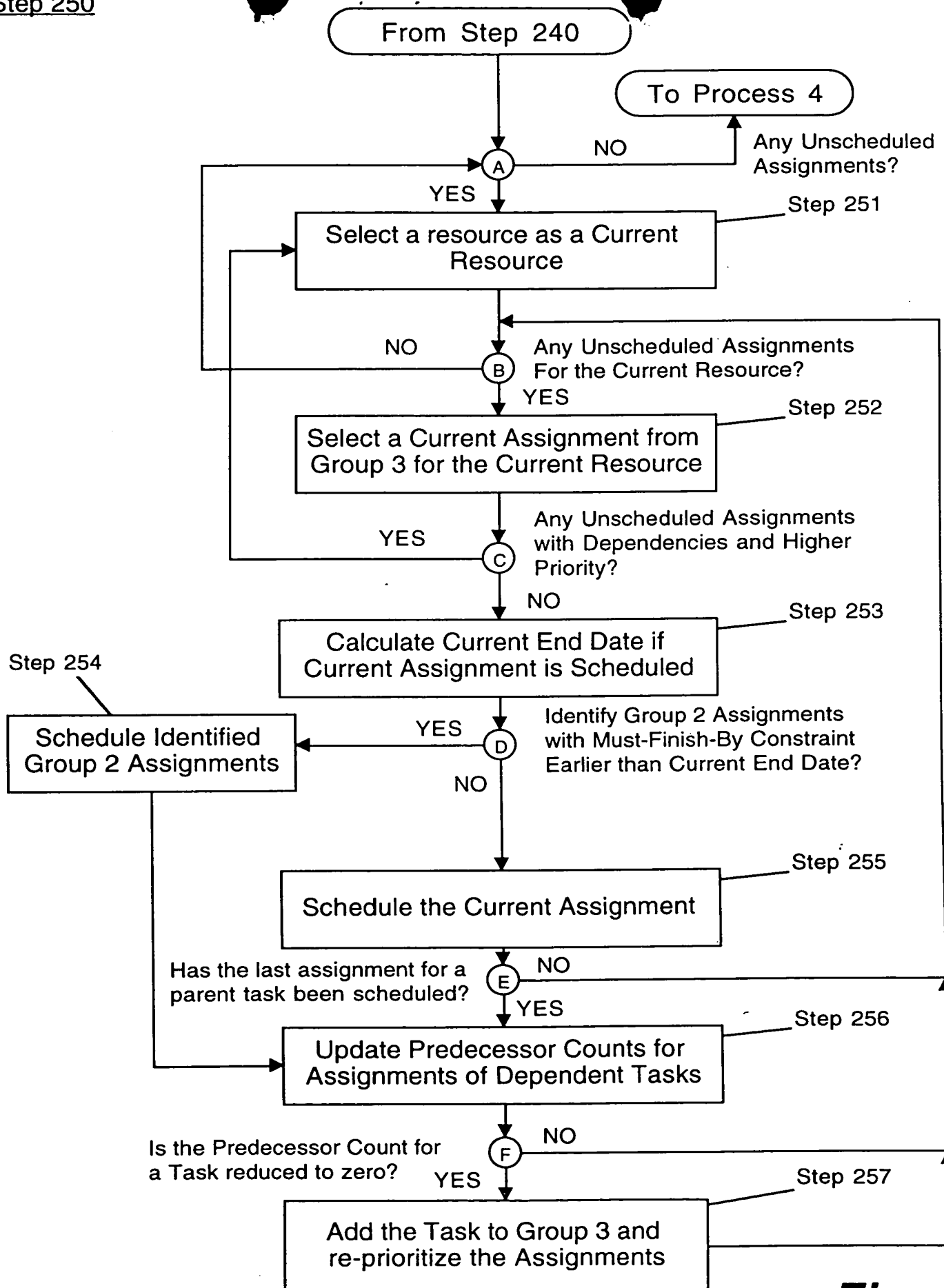
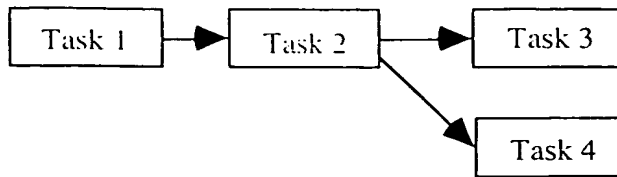


Fig. 6



**Fig. 7a**

### Group 3 Assignments Prior to Scheduling A2

Asgmnt	Task	Resource	P.Cnt	P.Task	Scheduled
A1	Task 1	R1	0	-	Yes
A2	Task 1	R2	0	-	No
A3	Task 1	R3	0	-	Yes

*Fig. 7b*

### Group 4 Assignments Prior to Scheduling A2

Asgmnt	Task	Resource	P.Cnt	P.Task	Scheduled
A4	Task 2	R1	1	Task 1	No
A5	Task 2	R2	1	Task 1	No
A6	Task 2	R3	1	Task 1	No
A7	Task 2	R4	1	Task 1	No
A8	Task 3	R3	2	Task 2	No
A9	Task 3	R4	2	Task 2	No
A10	Task 4	R1	2	Task 2	No

**Fig. 7c**

### Group 3 Assignments After Scheduling A2

Asgmt	Task	Resource	P.Cnt	P.Task	Scheduled
A1	Task 1	R1	0	-	Yes
A2	Task 1	R2	0	-	Yes
A3	Task 1	R3	0	-	Yes
A4	Task 2	R1	0	Task 1	No
A5	Task 2	R2	0	Task 1	No
A6	Task 2	R3	0	Task 1	No
A7	Task 2	R4	0	Task 1	No

**Fig. 7d**

### Group 4 Assignments After Scheduling A2

Asgmt	Task	Resource	P.Cnt	P.Task	Scheduled
A8	Task 3	R3	1	Task 2	No
A9	Task 3	R4	1	Task 2	No
A10	Task 4	R1	1	Task 2	No

*Fig. 7e*